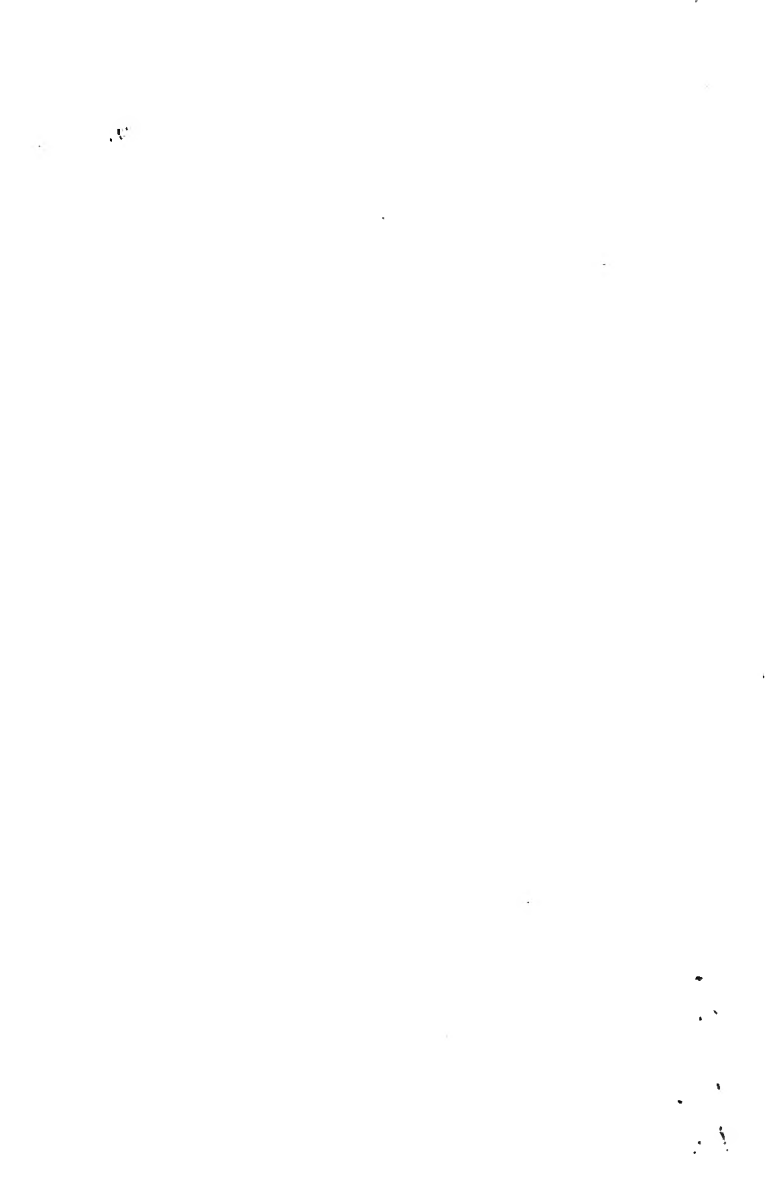


v. 618



1. *Cognellia macrocarpa* (Nutt.) M. E. Pres.

2.

3.

4.

5.

6.

7.

8.

9.

10.

11.

12.

13.

14.

15. *Salvia canosa*, Dougl. (*Ambrosiella argentea*, Nutt.)
penzance minor,
(Nutt.) Mung.
var. typica, Mung.

16. *Sphaerostigma tortum* (Tuck.) K. Nels. =

17.

18.

19. *Leucocrinum montanum* Nutt.

20.

- 34 *Thysanocarpus cervipes*, Hook.
 35 *Montia depressa*, A. Gray.
 37 *Cosmellia platyphylla*, C. & R.

42. Immature. Possibly *Allocarya scopulorum*, Greene.

50 *Phlox* sp.
51 *Saxifraga columbiana*, Piper

53 *Arabis* sp.

62 *Polemonium microanthum*, Benth.

64 *Tissa nebra* (L.) Britton

72 *Mertensia campanulata*, A. Nels.

74 *Lathyrus utahensis*, M. E. Jones.

75 *Arabis oreophila*, Rydb.

80 *Phlox albomarginata*, M. E. Jones.

- 87 *Senecio purshianus*, Nutt.
- 89 *Phlox douglasii*, Hook.
- 91 *Poa longiligula*, Scribn. & Will.

163

Oenothera stricta (Rydb.) Mack & Bush.

104

Chenopodium hybridum, L.

107

Clarkia pulchella, Pursh.

108

Gnaphalium diffusum, T. & G., var. ^{imm.} ~~typae~~

109

Rumex acetosella, L.

110

Hemichera tenuifolia (Whulock) Rydb. (?)

114

Dracopis nuttallii, Br. & Don.~~*Opisthache verticillata* (Benth.) Rydb.~~

115

Scutellaria angustifolia, Pursh.

117

Galium watsoni (A. Gray) (Hille
immarc)

118

Sporobolus vaginatus (Torrey) A. Gray

120

- 121 *Chenopodium botrys*, L.
 122 *Psilocarphus elatior*, A. Gray.
 124 *Geranium boottianum*, Britton.
 125 *Thysanotus niger*, L.
 126 " "
 127 *Scirpus* sp.

131 We collected this at Sawell Butte, near Caldwell,
Nemophila pedunculata, L. in 1936

- 137 *Leucocarpus rotundifolius*, A. Gray.
 138 *Frasera montana*, Millard (=*montanum* (Mill.) Rydb.)
 (=*leucocarpus*)

- 144 *Castilleja* sp. *Apocynaceae* T. purpur.
- 145 *Thlaspi glaucum*, A. Nels. ascons, Rydb.

- 149 *Thlaspi* ^{*of the riparian fr.*}
approaches *Thlaspi* ^{*of the riparian fr.*} *Thlaspi* ^{*of the riparian fr.*}
- 150 *Geranium macranthum*, F. & M.
- 151 *Geranium macranthum*, F. & M.
- 152 *Montia* ^{*of the riparian fr.*} *Montia* ^{*of the riparian fr.*}
- 153 *Montia perfoliata* (Conn.) Howell
- 154 *Eriogonum ripense*, Greene.

- 151 *Blepharipappus scaber* (Hook.) Nutt.
Blepharipappus scaber, Hook.

- (*A. rhizomata*, A. Nels.)
163 *Artemisia gnaphalodes*, Nutt.
164 *Lotus tenuis*, Waldest. & Kit

- 169 *Ergonon caespitosus*, Nutt. (?)
170 *Apocynum androsaemum*, Greene.

- 174 *Ericosmum fasciculifolium*, A. Nels.
175 *Castilleja lutea*, Heller.

- 178 *Calochortus eurycarpus*, S. Wats.
180 *Orthocarpus*

185 *Lonicera utahensis*, J. W. A.

188 *... ..*, Part 1.

190 *Rhamnus alnifolia*, L. Her.

192 *Polemonium pulcherrimum*, W.

203 *Eriophyllum lanatum* (Woods) Torrey

204

208 *Leucosiphon a. leucosiphon* (Rusby) Rydb.

212 *Chrysanthemum leucanthemum* (L.) Rydb.
[*Leucanthemum leucanthemum* (L.) Rydb.]

218 *Koeleria cristata* (L.) Pers.

- 222 *Plantago lanceolata*, L.
Immature
 223 *Campanula persici*, A. Gray (?)
 224 *Eregeria macroanthus*, Nutt.
- 227 *Phytolopsis barbata*, Nutt.
 (S. linaria (L.) Cant.)
 229 *Linaria vulgaris*, Mill.
 231 *Medicago lupulina*, L.
- 235 *Polygonum convolvulus* (L.) Desm.
 (Bilderdykia convolvulus (L.) Desm.)
 236 *Specularia perfoliata* (L.) A. DC.

241. *Adiantum pedatum*, L.

246 *Linnaea borealis americana* (Forbes) Rehd.
Linnaea americana, Forbes

250 *Laminum angustatum*, L.

252 *Linnaea borealis*, L.

254 *Lycopodium obscurum*, L.

255 *Charaxes peninsularis*, DC.

263

[*Chamaeperichlinium unalaschkense* (Ledeb.) Rydb.]
~~Cornus~~ *Cornus canadensis*, L.

266

Clintonia uniflora (Schult.) Muhl.

270

Microrhiza gracilis (Dough.) Greene

272

Clintonia uniflora (Schult.) Muhl.

273

Asplenium adnigrum (L.) Hook.

274

Barbortheca cuneata (L.) Greene

27X-37

Asplenium fastigiatum (L.) Hook.

275

Conopogon hastatus (Rydb.) [Cynioideae, hastatus n. Rydb.]

277

Asplenium adnigrum (L.) Hook.

278

Hypericum unalaschense, Plant. So. Alaska

279-31

Corydalis rostrata (L.) Greene

280

- 281 *Arnica amplexicaulis*, Nutt.
- 283 *Arnica montana*, Hook.
- 286 *Zygadenus venenosus*, S. Wats.
- 291 *Lonicera glaucescens*, Rydb.
- 292 *Pentstemon confertus*, Dougl.
- 294 *Lilium columbianum*, Harrison
295. *Senecio* ^{canus} ~~canus~~, Hook.
- 296 *Trifolium hybridum*, L.
- 297 *Trifolium repens*, L.
- 299 *Comarum palustre*, L.

306 *Antennaria anaphaloides*, Rydb.

309 *Delphinium bicolor*, Nutt.

312 *Calochortus apiculatus*, Baker.

313 *Naumburgia thysiflora* (L.) Duby.

317. *Astragalus tenellus*, Pursh.

321. *Hymenocys richardsonii* (Hook.) Rockenf.
= *Actinea richardsonii* (Hook.) Kuntze
322 *Astragalus bisulcatus* (Hook.) Gray.

324 *Encyonema pepeni*, Greene.

330 *Alosina Plantago* - *aquatica*, L.

351 *Lupinus greenii*, C. Vels.

340 *Crisium filifolius* (Hook.) Kuntze

342 *Antennaria lezulae*, V. & G.

No. 354 *Lyptanthus torreyana* (Gray) Greene. variety
gemma, Johnson, form *calycosa*, Johnson





843
840
839
841
842
763
828
764
765
766
681
680
679
687
677
676
812
813
720
773

782
781
741
783
776
777
741
807
735
772
766
707
846
890
889
815
811
662
886
661

887

704

709

750

859 ✓

750

683

~~684~~

761

686

685

691

690

732

740

739

737

736

735

734

719

771

814

815

703 ✓

594

609

647

478

610

614

615

888

660

682

620

464

634

635

628

452

674

414

437

833

817

826

818

664

819

663

71

802

678

778-C.

121

8

825

...

778-B

838

877

876

778-A

731

792



A. fremonti - Meada...
4000. Less. Mead. brinks,
to a second

A. proterum, small

||||| ||||| ||||| ||||| ||||| ||||| |||||

127 families ~~HHH~~HHH

750 12 411 411 411 411 411 411 411
411 411 411 411 411 411 411 411

1758. 1000
1900

Duplicates

276 slats

Total through

Adrian = 30 families

133 genera

292 species

21 varieties

152 plants

18 Families |||| |||| |||| |||

58 ~~Genera~~ |||| |||| |||| |||| |||| ||||
 |||| |||| |||| |||| |||| |||

Species |||| |||| |||| |||| ||||
 |||| |||| |||| |||| ||||
117 |||| |||| |||| |||| |||| ||||
 |||| |||| |||| |||| |||| ||||

2 Apr. 11

11 Duplicates |||| |||| |||| |||
42 |||| |||| |||| |||| |||

119
521
101

$\begin{array}{r} 166 \\ 276 \\ \hline 437 \text{ sheets} \end{array}$

$\begin{array}{r} 117 \\ 175 \\ \hline 292 \end{array} +$

11

|||| ||| |||| ||||
|||| ||| ||| ||| |

Acc 20 families,
77 genera, 131
species, 9
varieties, 75
duplicates

or 215 mounts

Arabis III III III III

Senecio III III III III III
III III III III III III III III III

Linum III III III III III
III III III III III III III III
III III III III III III III III

Arabis III III III

Dryas III III III III III
III III III III III III III
III III III III III III III

Total Through
Pharmaceutical

52 families

220 genera

444 species

72 varieties

681 sheets

Total

50 families
210 genera
423 species
30 varieties
652 sheets

//

||||

|||| |||| |||| |||| /

//

//

|||| |||

add 13 families

52 genera

110 species

4 varieties

1 form

5 rept's.

$$\begin{array}{r} 110 \\ 5 \\ \hline 59 \\ 174 \end{array}$$

Total herbarium: H-8-38

65 families

272 genera

554 species

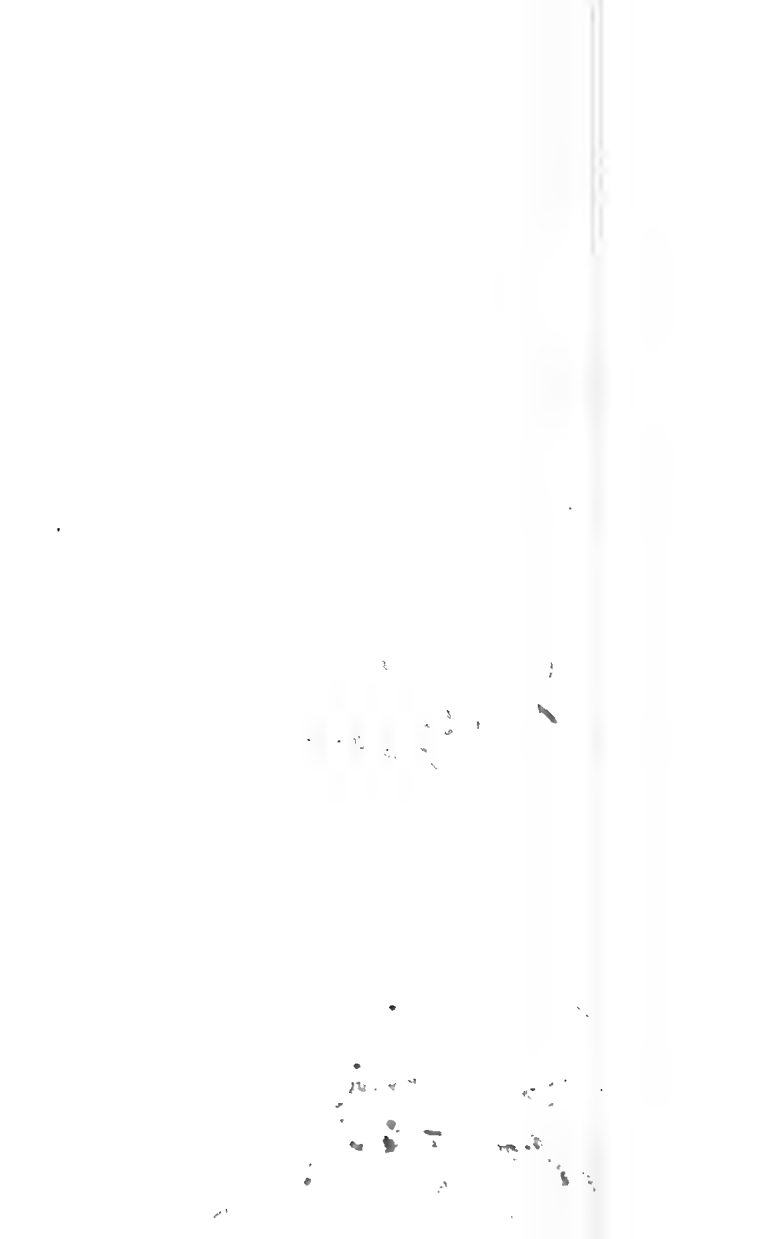
36 varieties

1 form

855 sknts.



a Distinct ~~with~~
was of cloth
Soap
T. G. M.
C. H. M. G. M.
S. M. G. M.
T. G. M. G. M.
T. G. M. G. M.
T. G. M. G. M.



Erythronium ?

Colochortus

Allium

Gobensovia

Salix

Populus

Betula ?

Celtis

Alnus

Eriogonum

Rosa

Polygonum

Eriogonum

Atriplex

Chenopodium

Salsola

Abronia

Saxanaria

Clethra

Delphinium

Ranunculus

Clematis

Berberis

Corydalis

Lespedeza

Wisteria

Celastrus

Lespedeza

Asclepias

Asclepias

Asclepias

Asclepias

Asclepias

Asclepias

Asclepias

Potentilla

Lupinus

Hedysarum

Asclepias

Lathyrus?

Geranium

Acer

Malva

Sphaeralcea

Clala

Mentzelia

Leptochloa

Cypripedium

Pteris

Leptocarpus

Xanthoxylum

Cornus

Cornus

Pipula

Urtica

Fraxinus

Asclepias

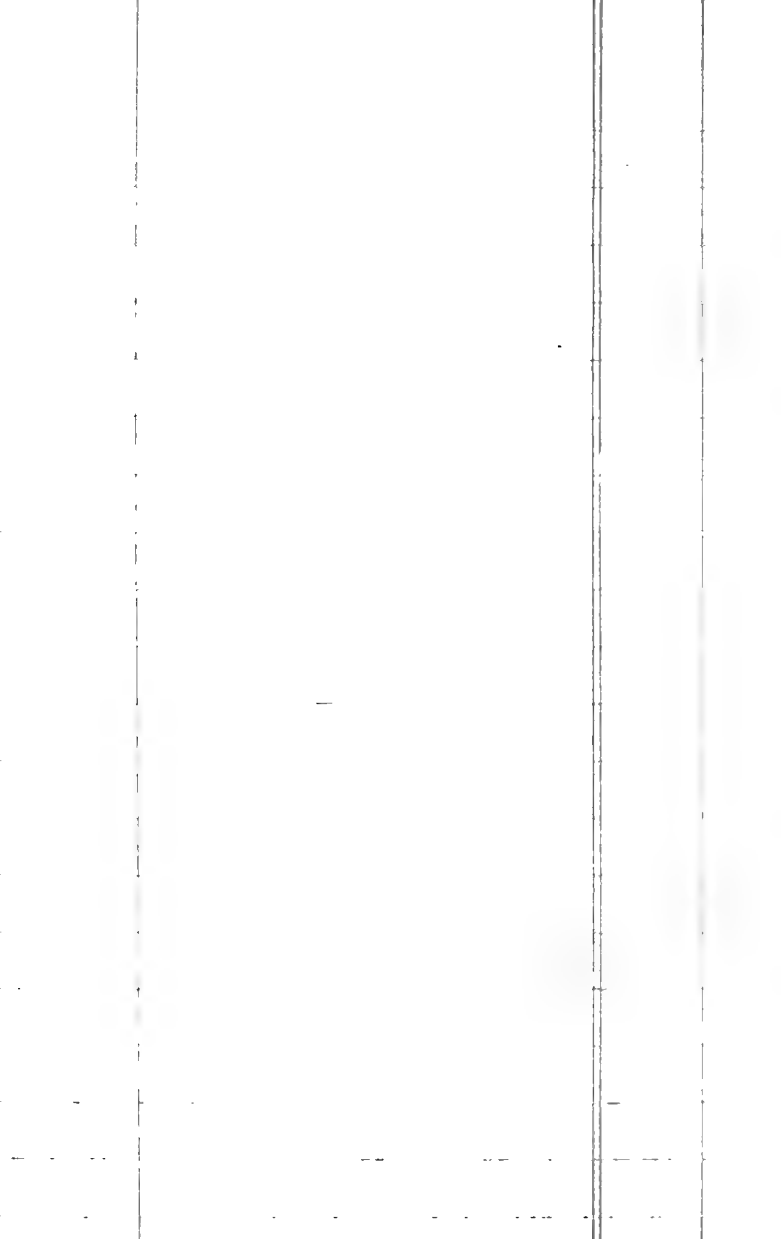
Phlox

Lilium

Polemonium

Hydrophyllum
Phacelia
Phacelia
Argemone
dentata
argemone
dentata
Phacelia
Argemone
dentata
Phacelia
dentata
Phacelia
dentata
Phacelia
dentata

At the end of a long
life, at last I've found
you - And at last I
know the meaning
of it all - Ah, the
suffering, waiting,
the heart aching,
the long and lonely
joy and sad tears
that help; For I know
I have found the one
I've been seeking, & it's
love I love alone that
can repay; 'tis the
answer 'tis the end,
and all explaining
for it is love that
rules the world
forever.



A. modestus

A. campestris

A. juncea

A. commutatus

A. longifolius

A. Lindleyanus

A. laevis

A. porteri

A. integrifolia

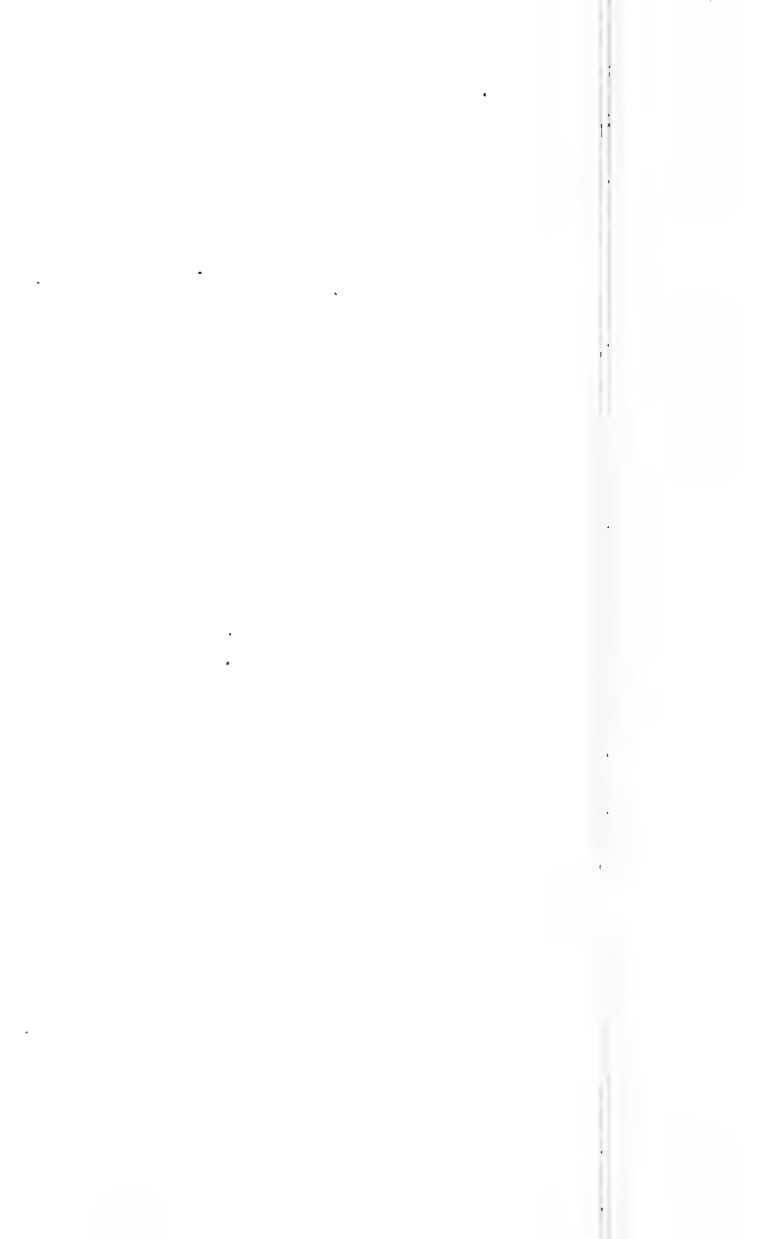
A. alba

A. ...

A. oblongifolius

211
3
1415

Wednesday - June 8 -	3
Friday June 10 -	6
Saturday June 11 -	4
Monday. June 13 -	4
Tuesday June 14 -	3
Wednesday June 15	8
Thursday June 16	8
Saturday - June 25 -	4
Monday - June 27	5
Thursday - June 30	3
	<hr/>
	50



#7. Q and A

7.

1. Q. What is the difference between a

#2. Q. What is the difference between a

Q. What is the difference between a

Q. What is the difference between a

Q. What is the difference between a

= 5. Q. What is the difference between a

Q. What is the difference between a

19

A. foliosa

7

A. mollis

37

A. mollis



41 *Adelphioceros*

1/16

25 *Adelphioceros* *recondens*

4. Seeds mostly full - a little
buggy. *G. cordifolia* 20
in each

6. Fairly good but somewhat
buggy. *G. longifolia*

31. *G. hirsutifolia* not buggy.
Some look ok. 20 in one pot

34. *A. c. d. folia* Look good. 15
buggy, only one pot

35. *A. sororia*?! Mostly look ok.
25 in one pot.

25. *A. latifolia* not the best, but
not buggy. 2 - 25 each

6. *A. latifolia* very buggy.
mostly hollow
in one pot.

#30. *A. mollis*. 25 in each
2 pots. Fair seed,
not very full.

#45. *A. chamissonis*.
Look good; not buggy.
25 in each of two.

#46. *A. lessingii*.
Look good; not buggy.
25 in each of two.

36 25 planted in each of two
Beans. Looks good
A. chamissonis

37. *A. mollis* 25 in two
~~etc~~ clear; looks good.

9. *A. amplexicaulis*
looks pretty good; not buggy
2 per 25

38 *A. montana*
seed clean, looks good
25 for 2

#40 *A. longifolia*
seeds fair, not buggy
2 for 75

#41. *A. latifolia* seeds fair,
not buggy. 2 for 25

A. speciosa 5 for 50

1. *Coniophora* *glauca*
leaf. 1/2 in x 3/4
1. *Chamae* *leuc*
sh. 1/2 in x 1/2

2. *Chamae* *leuc*
sh. 1/2 in x 1/2

3. *Chamae* *leuc*
sh. 1/2 in x 1/2

4. *Chamae* *leuc*
sh. 1/2 in x 1/2

5. *Chamae* *leuc*
sh. 1/2 in x 1/2

6. *Chamae* *leuc*
sh. 1/2 in x 1/2

December 28 - 1931

8 $\frac{1}{2}$ hours.

" 29 "

11 "

" 30 "

12 "

17

5 $\frac{1}{2}$





